

CHRT, Jiri, RNDr., laureat statni ceny; STRNAD, Jiri, promovany
geolog

Polymetallic skarns and erlans, a new type of tin ore deposits
in the Erzgebirge Mountains. Geol pruzkum 6 no. 3:71-74
Mr '64.

1. Geologicky pruzkum National Enterprise, Prague; Central
Geological Office, Prague.

STRNAD, Jiri, inz. arch.

Relaxation premises, a new type of social facilities in industrial enterprises. Podn org 18 no.8:376-380 Ag '64.

1. Research Institute of Building and Architecture, Prague.

OPLUSTIL, Vaclav; STRNAD, Josef; JAKL, Jindrich

Sulfide dyeing machines. Kozarstvi 12 no.12:368-370 D '62.

1. Strojovnit, n.p., Krnov (for Oplustil). 2. Rukavickarske zavody,
n.p., Tyniste nad Orlici (for Strnad and Jakl).

STRNAD, JULIUS.

Zaklady slaboproude elektrotechniky. 4. vyd. Praha, Technicko-vedecke vydavatelstvi, 1951. /Elements of weak-current electrical engineering. Vol. 2. Telephony, Illus., bibl., subject index./

SO: Monthly List of East European Vol. 3, No. 2, 1954
Accessions / Library of Congress, February, 1954, Uncl.

9(4)

PHASE I BOOK EXPLOITATION CZECH/1251

Strnad, Julius, Professor, Doctor, Engineer, Corresponding Member,
Czechoslovak Academy of Sciences

Thyratrony (Thyratrons) Prague, SNTL, 1954. 231 p. 2,200 copies
printed.

Reviewers: Lupínek, Miroslav, Engineer, Doctor; Mareš, Přemysl;
Promberger, Miroslav, Engineer, Doctor; Ed.: Karen, Ota, Engineer;
Chief Ed. for Literature on Electrical Engineering: Kašpar,
František, Engineer, Doctor.

PURPOSE: The book is intended for industrial equipment operators and
technicians interested in control equipment.

COVERAGE: The author gives general information on the construction and
operation of thyratrons. He also discusses their most important
applications. No personalities are mentioned. There are 21
references, of which 5 are Czech, 5 Soviet, 9 English, 1 German
and 1 French.

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PHASE I BOOK EXPLOITATION

CZECH/2513

Strnad, Julius, Engineer, Professor, Doctor

Technická elektronika (Electronics) Praha, S.N.T.L., 1957. 336 p. 6,200 copies printed.

Reviewer: Jindřich Forejt, Doctor of Natural Sciences; Resp. Ed.: Jan Nohejl, Engineer, Doctor; Managing Ed. for literature on Electrical Engineering: František Kašpar, Engineer, Doctor.

PURPOSE: This book is intended for engineers and technicians working with industrial electronic equipment.

COVERAGE: The author discusses the construction and operation of circuit components such as resistors, capacitors, inductors, saturable reactors, magnetic amplifiers, vacuum tubes, stabilizers, thyratrons, glow-discharge tubes and ignitrons. He also describes the operation of electronic relays, switches, counters and industrial control circuits. The author thanks J. Forejt, Doctor of Natural Sciences, Dean of the Low-voltage Department at CVUT, Pobebrady, for reviewing the text. There are 26 references: 8 Czech, 5 German, 10 English, 1 Soviet, 1 Polish and 1 French.

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AVAILABLE: Library of Congress

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11-10-59

STRNAL, JULIUS.

TECHNOLOGY

STRNAL, JULIUS. Telefonie. Praha, Nakl. Ceskoslovenske akademie ved, 1958. 824 p.

(Ceskoslovenska akademie ved. Sekce technicka. Studie a prameny, sv. 17)

Monthly List of East European Accessions (LEAI) LC, Vol. 8, no. 3, March, 1959. Uncl.

Z/039/60/021/03/019/028

E073/E135

AUTHOR: J.B. Slavík (Professor, Doctor of Natural Sciences) and
Julius Strnad (Professor)

TITLE: Professor Doctor of Natural Sciences J.B. Slavík
on the Occasion of his own 60th Anniversary

PERIODICAL: Slaboproudý Obzor, 1960, Vol 21, Nr 3, pp 184-185

ABSTRACT: In this brief note he appeals to the Editorial Board
that if anything is to be published on the occasion of
his 60th birthday, his letter should be published
which states categorically that he is not in favour of
any commemoration articles. ✓

Professor J. Strnad adds a few notes on his knowledge
of and association with Professor Slavík as a man, and
does not discuss any of his scientific achievements.

Card 1/1

SORM, Frantisek, akademik; MASTOVSKY, Otakar; KASPAR, Jan; SIRACKY, Andrej;
VANA, Josef; ZACHOVAL, Ladislav; RASKA, Karel; BLASKOVIC, Dionyz,
akademik; WICHTERLE, Otto, akademik; PRANTL, Ferdinand; CUTA, Frantisek;
JERIE, Jan; HENNER, Kamil, akademik; CAPEK, Ladislav; LINK, Frantisek;
STRNAD, Julius

Report on the activities of the Czechoslovak Academy of Sciences made
at its 12th General Assembly, and the discussion. Věstník CSAV 70 no.1:
26-34 '61.

1. Namestek presidenta Ceskoslovenska akademie ved (for Sorm).
2. Clen korespondent Ceskoslovenske akademie ved (for Mastovsky,
Kaspar, Siracky, Vana, Zachoval, Raska, Prantl, Cuta, Jerie,
Capek, Link and Strnad). 3. Predseda Slovenskej akademie vied
(for Siracky).

KOZESNIK, Jaroslav, akademik; BLASKOVIC, Dionyz, akademik; KOIMAN, Arnost, akademik; MACURA, Jiri, dr.; VANA, Josef; GOSIOROVSKY, Milos; BOHM, Jaroslav, akademik; PROCHAZKA, Jaroslav, prof., dr.; HAMPEJS, Zdenek, dr.; BRABEC, Frantisek, prof, inz., dr.; SORM, Frantisek, akademik; NOVAK, Josef, akademik; NEUMANN, Jaromir, doc., dr.; BAZANT, Vladimir, inz., dr.; KOUNOVSKY, Bohumil, dr.; SZANTO, Jan, dr.; ROZSIVAL, Miroslav, dr.; KASPAR, Jan, dr.; HANKA, Ladislav, prof., inz.; STRNAD, Julius; WICHTERLE, Otto, akademik; ZATOPEK, Alois; JAVORNICKY, Jan, inz.; VAVRA, Jaroslav, dr.; BLATTNY, Ctibor, akademik; ONDRIS, Karol, dr.; KUKAL, Vaclav, inz.

The 22d Congress of the Communist Party of the Soviet Union and the tasks of Czechoslovak science; discussion. Vestnik CSAV 71 no.1:3-59 '62.

1. Hlavni vedecky sekretar Ceskoslovenske akademie ved (for Kozesnik).
2. Clen korespondent Ceskoslovenske akademie ved (for Vana, Gosiorovsky, Kaspar, Strnad, Zatopek).
3. Rektor Karlovy university (for Prochazka).
4. Rektor Ceskeho vysokeho uceni technickeho (for Brabec).
5. Namestek presidenta Ceskoslovenske akademie ved (for Sorm)

JUDS JOSEPHIA

STERNAL, J.

Central Geological Institute (Ústřední ústav geologický),
Praha

Prague, Časopis pro Mineralogii a geologii, No 1, 1965, pp
57-10

"On the Possible Presence of Carbonatites and Nepheline
Syenites in the Central Bohemian Mountains."

STRNAD, K.

"Report on the Conference of National Popular Observatories and Astronomical Workers Clubs."
p. 16. (Rise Hvezd. Vol. 34, no. 1, Feb. 1953. Praha.)

SO: Monthly List of East European Accessions. Vol. 3, No. 2, Library of Cong., Feb. 1954, Uncl.

STENAL, Karol, inz.; VAJA, Frantisek, inz.

Quality improvement of the electroconductive aluminum wires
made by continuous casting and rolling. Hut listy 18 no.8:
566-575 Ag '63.

1. Zavod Slovenskeho narodneho povstania, Ziar nad Hronom.

HROMADA, Jan; STRNAD, Ladislav

Craniological contribution to Macaca. Cesk. morf. 10 no.4:341-351 '62.

1. Katedra anatomie lekarske fakulty KU v Hradci Kralove, prednosta
prof. dr. J. Hromada (for Hromada) 2. Katedra spolecenskych ved lekarske
fakulty KU v Hradci Kralove, prednosta z. doc. J. Jasny (for Strnad).
(CRANIOMETRY) (MONKEYS)

HROMADA, Jan; STRNAD, Ladislav

A contribution to the knowledge of some craniologic, cranio-metric, and growth changes in skulls of *Macaca mulatta* and *Macaca irus* (*cynomolgus*). *Sborn.ved.prac.lek.fak.Karlov.Univ.* (Hrad.Kral.) 6 no.5:587-598 '63

1. Institute of Anatomy, Chair of Social Sciences, Faculty of Medicine, Charles University at Hradec Kralove, Czechoslovakia.

X

STRNAD, Ladislav, prom.ekonom

Use of some statistical methods in the study of therapeutic effectiveness. Sborn.ved.prac.lek.fak.Karlov.univ. (Hrad.Kral) 6 no.1: Suppl.:135-141 '63.

1. Katedra spolecenskych ved Lekarske fakulty Karlovy university v Hradci Kralov.; prednosta zast. doc. Jaromir Jasny.

*

STRNAD, Ladislav

A contribution to the investigation of the development of the medium life span and of several causes of death. Sborn. ved. prac. lek. fak. Karlov. Univ. 9 no.1:459-464 '64.

1. Katedra zdravotnictvi (prednosta: MUDr. J. Gabriel),
University Karlovy v Hradci Kralove.

STRNAD, L., prom. ekonom.; GABRIEL, J. MUDr.; NOVAKOVA, H. MUDr.

On teaching social sciences and public health at medical
faculties. Cesk. zdrav. 12 no.10:525-528 O '64.

1. Katedra zdravotnictvi lekarske fakulty Karlovy University
v Hradci Kralove.

GABRIEL, J., MUDr.; NOVAKOVA, H., MUDr.; STENAD, L., prom. ekonom.;
GAISLER, J. MUDr.; BIDMAN, J., MUDr.; HORAK, Fr., Technicka
spoluprace CERNA, V.

Study of a group of diseased patients in the University Hospital
in Hradec Kralove for a 1-year period. Cesk. zdrav. 12 no.11:
546-555 N ' 64.

1. Katedra organizace zdravotnictvi lek. fak. Karlovy University
a Krajsky ustav narodniho zdravi v Hradci Kralove na odborné
spoluprace klinických pracovníků.

STRHAD, L. prom. ekonom.; GABRIEL, J., MUDr.; NOVAHOVA, H., MUDr.

Motivation of patients to visit physicians and some problems in organization of health care in urban health communities. Cesk. zdrav. 13 no.1:4-9 Ja '65

1. Katedra zdravotnictvi lekarske fakulty Karlovy University v Hradci Kralove.

HATALA, M.; PRAT, V.; STRNAD, L.

Use of the TTC and nBT test for the diagnosis of bacteriuria.
Cas. lek. cesk. 103 no.40:1116 2 0 '64.

1. Ustav klinicke a experimentalni chirurgie v Praze (reditel
prof. dr. B. Spacek) a Ustav pro choroby obehu krevniho v Praze
(reditel prof. dr. J. Brod.).

STRNAD, L., prom. ekonom; GABRIEL, J., MUDr.

A sociological contribution to the work of the physician and nurse. Cesk. zdrav. 13 no.3:114-121 Mr '65

1. Katedra zdravotnictvi lekarske fakulty Karlovy University v Hradci Kralove; Technicka spoluprace: Organizacne metodicke oddeleni Krajskeho ustavu narodniho zdravi v Hradci Kralove.

STERNAD, L., inž., CSc.; NOVAKOVA, H., MUDr.

Possibilities of application of sociometric methods in the management of work collectives of physicians. Cesk. zdrav. 13 no.7/8:377-382 Ag '65.

1. Katedra zdravotnictvi lekarske fakulty Karlovy University v Hradci Kralove.

Михайлов; МЕЛАНОВА, Надежда

Influence of social factors in the incidence of infectious
hepatitis in the district of Hrynes Kralovo. Stom. ved.
pac. lek. fak. Karlov. univ.: Suppl. 8 no.3:359-366 '65.

STINAD, M.

The influence of the creep of concrete on the stress of combined girders. p. 317.

(Inzenyrske Stavby. Vol. 5, no. 6, June 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

STERNAD, M.

The influence of the creep of concrete on the stress of combined girders. (Conclusion) P. 368.

(Inzenyrske Stavby. Vol. 5, no. 6, June 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

GOTTVAL'D, B. [Gottvald, B.]; STRNAD, M.; LANG, Z.

Examination of underground gas protection. Prace ust naft
18:67-69 '61.

VRANA, M.; VOKROUHLICKY, L.; STRUAD, M.

Changes of resistance of the vascular bed of the lung. Cesk. fysiол.
8 no.3:261 Apr 59.

1. Katedra patologické fysiologie I ek. fak. KU, Hradec Kralove.
(LUNGS, blood supply.
vasc. resist. changes perfused lung (Cz))

1. Subject: [illegible]

2. Classification: [illegible]

3. Origin: [illegible]

4. Summary: [illegible] ... 10 307-3...

5. Remarks: [illegible] ... " ..."

6. References:

a. [illegible] ... (including ...)

b. [illegible] ... (including ...)

STANIAD, M.

Czechoslovakia

Chair of Internal Medicine and Internal Propaedeutics
Of the Medical Faculty of Charles University --
Hradec Králové (Katedra vnitřního lékařství a
interní propedeutiky lékařské fakulty University
Karlovy -- Hradec Králové; Chief: F. ČERNÍK, Docent
Dr; Tuberculosis Ward KUNZ KIV of the Eastern Czech
Kraj -- Nechanici (Oddělení tbc KUNZ KIV Východo-
českého kraje v Nechanicích); Chief: J. ŠEBESTA, MU Dr.

Prague, Mozhledy v tuberkulóse, No 10, 1962, p. 730-734

"Primary Absence (agenesis) of Interlobar Pulmonary
Fissures in Tuberculous Patients."

ZAPLETALEK, M.; RIKOVSKY, S.; RYCHLA, D.; STRNAD, M.; HORAK, L.;
HRIBAL, R.; STEPANOVA, M.

Clinical and ambulant experiences with majeptil therapy.
Activ. nerv. sup. 5 no.2:200-201 My '63.

1. Psychiatricka klinika lekarske fakulty PU, Olomouc -
Psychiatricka lecebna, Sternberk.
(SCHIZOPHRENIA) (NEUROSES, OBSESSIVE-COMPULSIVE)
(PSYCHOSES, MANIC-DEPRESSIVE) (MENTAL DISORDERS)
(THIOPROPERAZINE)

CZECHOSLOVAKIA

WILDERMANOVA, L., and STRHAD, M., Mental Hospital (Psychiatricka lecebna),
Sternoerk.

"An Interesting Case of Sexual Aberration in a Feeble-Minded Person"

Prague, Ceskoslovenska Psychiatrie, Vol LIX, No 3, June 63, pp 176-181.

Abstract [Authors' German summary]: Reported is an unusual case of fetishism in a feeble-minded person. First, it looked like an obsession neurosis, and the impulsive nature of the disturbance became clear only after a thorough examination. Clinical picture showed an admixture of other aberrations, the sadomasochism and narcissism, which are typical for sexual deviations. Remarkable is the fact that social difficulties, resulting from the deviation, were of such an extent that the patient asked for a permanent hospitalization in a mental institution as the best solution. Six references, including 1 Czech.

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ACC NR: AP6004968

SOURCE CODE: CZ/0083/65/000/002/0113/0118

AUTHOR: Strnad, M.; Widermannova, L.--Vidermannova, L.

ORG: Psychiatric Hospital, Sternberk (Psychiatricka lecebna)

TITLE: Contribution to the psychiatric problem of the pathological conviction about the incontinence of intestinal gases

SOURCE: Ceskoslovenska psychiatrie, no. 2, 1965, 113-118

TOPIC TAGS: psychopathology, intestinal disease

ABSTRACT:

Theoretical synopsis of psychopathological evaluation of the syndrome of morbid conviction about incontinence of intestinal gases is presented. Two cases are described; one fits into the frame of the decompensation of a psychopathic personality, and the other has the character of a hallucinatory paranoid psychosis. The fatal importance of the syndrome for the life of the patients is evaluated, and early diagnostic symptoms analyzed. [JPRS]

SUB CODE: 06, 05 / SUBM DATE: none

HW
Card 1/1

STAROSTA, Vladimir; STRNAD, Miroslav

Our experience with atelectases following pulmonary resection.
Sborn. ved. prac. lek. fak. Karlov. Univ. 8 no.3:305-310 ' 65.

1. Katedra vnitřního lékařství (prednosta: prof. MUDr. F. Cerník)
a Tbc. odd. Krajského ústavu národního lékařství v Mechanicích
(prednosta: primar MUDr. J. Sebesta) .

STANAD, Miroslav; HOLECKOVA, Rut; ROZANEK, Pavel; STAROSTA, Vladimir;
SEBESTA, Josef; STURSA, Vladimir; VOJTEK, Jaroslav

A method for the diagnosis of new cases and recurrence of
tuberculosis. Sborn. ved. prac. lek. fak. Karlov. univ.:
Suppl. 8 no.5:577-582 '65.

Age, occupation and social factors in severe tuberculosis.
Ibid.:583-587

Resistance problems in Mycobacteria tuberculosis and the
treatment of severe tuberculosis with secondary antituber-
cular agents. Ibid.:589-592

Some cases of severe tuberculosis escaping early diagnosis.
Ibid.:593-598

1. The oddeleni v Nachanicich (prednosta MUDr. J. Sebesta).

Psychiatry

CZECHOSLOVAKIA

ZAPLETALEK, M.; STRNAD, M.; KOMENDA, S.; VACKOVA, M.; BARBORAKOVA, E.; STEPANOVA, M.; HRBEK, Jan; BERAN, J.; SIROKA, A.; Psychiatric Clinic, Palacky University, Olomouc; Psychiatric Hospital, Sternberk. [Original version not given].

"Alimenazine, Chlordiazepoxide, Meprobamate, and Placebo in Anxious Depression Therapy."

Prague, Activitas Nervosa Superior, Vol 8, No 4, Nov 66, pp 437 - 438

Abstract: Effect of the compounds mentioned in the treatment of 24 patients suffering from neuroses is described. The results were evaluated on the basis of the Knobloch AD questionnaire. The score of complaints before any treatment was 1385, after administration of a placebo 1104, with alimenazine 853, with chlordiazepoxide 812, and with meprobamate 779. 1 Table, 12 Western, 6 Czech, 1 Japanese reference. Submitted at the 8th Annual Psychopharmacological Meeting at Jesenik, 18 - 22 Jan 66. Article is in English.

1/1

STRNAD, Premysl, inz.

Effect of large doses of industrial fertilizer on crop
rotation in a sugar-beet zone. Rost vyroba 9 no.3/4:
287-298 Mr-Ap '63.

1. Ustredni vyzkumny ustav rostlinne vyroby, Ruzyně, pracoviste
Caslav.

STRNAD, Premysl, inz.

Effect of large amounts of industrial fertilizers where there
is crop rotation in a beet zone. Pt. 2. Rost vyroba 9 no.11:
1149-1162 N '63.

1. Ustredni vyzkumny ustav rost[redacted]vyroby, Ruzyne, pracoviste
Caslav.

STRNAD, S.

Effect of ~~out~~-patient work in pediatrics on the in-patient pediatric census in Rychnove n.Kn. Cesk. pediat. 18 no.1:81-84 Ja '63.

1. Detske oddeleni OUNZ v Rychnove n/Kn., prednosta MUDr. S. Strnad.
(PEDIATRICS) (HOSPITAL OUTPATIENT SERVICE)

STRNAD, S.

Presence and causes of faulty body posture and spinal disorders in youths with vision disorders. Cesk. oftal. 19 no.2:139-141 Mr '63.

1. Klaruv ustav v Praze-Krci.
(BODY POSTURE) (SPINAL DISEASES) (VISION)

STRNADOVA, J.; STRNAD, S.

Some difficulties in admitting children to kindergarten.
Cesk. pediat. 19 no.1:63-64 Ja'64.

*

STRIAD, S.; ICHER, J.

Presentation of the large aircraft V4-10. Letecky obzor 9 no.1:
18-19 Ja '65.

STRNAD, S.

The study of neuropsychic development of children in day
nurseries. Cesk. ped. 20 no.12:1085-1089 D ' 65.

1. Vyzkumny ustav pedagogicky v Praze (reditel - dr.
M. Cipro, CSc.

STRNAD V

STRNAD V. Vie de l'Organisation internationale de radiodiffusion. Bull. O. I. R. Pratique. La Haye 1960, no. 40-41, pp. 7-19. Extrait de la situation présentée de l'O. I. R. après l'Assemblée générale qui s'est tenue à Bruxelles le 17 novembre 1960, où les membres de l'Organisation ont tenu leur deuxième assemblée. H. M. 34221

AND SLA DETAILLED LITERATURE CLASSIFICATION

STERNAD, V.

GEOGRAPHY & GEOLOGY

Vol. 3, no. 3, 1958.

Strnad, V. Trilobites in the glaciofluvial gravel sands in Vidnava.
p. 318.

Monthly Index of East European Accessions (EEAI) LC, Vol. 8, No. 1,
Jan. 1959.

STRNAD, V.

Determining sulfur bonds in solid fuels. Prace Ust paliv 8:
117-141 '64.

STRNAD, Vaclav

General reconstructions and the operation interruption. Zel dop
tech 12 no.6:164 '64.

STRNAD, Vladimir

Note on Silurian ostracode limestones from glacial gravel sands
in Hlucin region. Príd cas slezsky 23 no.3:375 '62.

HLABOVSKY, Josef, inz.; MAGERA, Zdenek, inz.; STRADDEL, Jan

Experience with the fast sinking of winding shaft in the
new Paskov Coal Mine. Uhli 4 no.2:43-50 F '62.

1. Vystavba Ostravsko-Karvinskych dolu, n.p., zavod hloubeni
jam, Ostrava.

HRABOVSKY, Josef, inz.; STRNADEL, Jan

shaft sinking with definite headgear. Uhli 4 no.10r331-337
0 '62.

1. Vystavba Ostravsko-Karvinských dolu, n.p., Zavod pro
hloubení jam, Ostrava.

HRABOVSKY, Josef, inz.; VYVLECKA, Frantisek; STRNADEL, Jan; TESARIK, Erich,
inz.

Fast sinking of a shaft at the Paskov Mine in record time. Uhli
5 no.1:5-9 Ja '63.

1. Vystavba, Ostravsko-Karvinske doly, n.p., zavod 31, hloubeni
jam, Ostrava.

STRNADEL, K., inz., CSc.

Some problems of moistening building materials and constructions. Stavivo 41 no.9:340-343 S'63.

1. Statni vyzkumny ustav tepelne techniky, Praha.

STRNADEL, Karel inz. CSc.

Designing thermal insulations. Zdravot tech 2 no.1:26-36
'65.

1. State Research Institute of Heat Technology, Prague.

SUCHOMEL, Jiri, inz.; HAVEL, Frantisek, inz.; STRNADOVA, Zdenka

Use of mathematical methods in the economy of the dairy industry. Prum potravin 14 no.2:57-61 F '63.

1. Vyzkumny ustav mlekarensky, Praha.

)

DROPPA, J. (Bratislava, KUNZ, Zochova, 18/b); KAVCOVA, E.; SEKEROVA, M.;
STRNISO, M.

Hearing test in braziers. Lek.obzor 3 no.10:597-605 1954.

1. Z Ontologickej kliniky SU v Bratislave.
(OCCUPATIONAL DISEASES,
hearing disord. in braziers)
(HEARING DISORDERS,
in braziers)

STRNKA, Miroslav

Contribution to the biological protection of forest plantation in
the Tatransky narodny park. Les cas 8 no.6:420-428 '62.

1. Vyskumna stanica, Sprava Tatranskeho narodneho parku.

STRNKA, Miroslav

Problems of changing the pinewood monoculture in high mountains.
Les cas 9 no.4:304-309 '62.

1. Sprava Tatranskeho narodneho parku.

ACCESSION NR: AP3001709

S/0126/63/015/005/0800/0800

AUTHOR: Royzin, N. M.; Mostovlyanskiy, N. S.; Strob, R. K.

TITLE: On the thermal conductivity of indium

SOURCE: Fizika metallov i metallovedeniye, v. 15, no. 5, 1963, 800

TOPIC TAGS: indium, thermal conductivity

ABSTRACT: According to published data, the thermal conductivity of In is 0.0576 cal/deg x cm x sec. The striking numerical agreement between this figure and that for the specific heat of In led the authors to investigate the accuracy of the published figure. Measurements were made by the longitudinal heat-flow method in the 40--150C temperature range, using grade B In of 99.997% purity. The total error of determination was 7--8%; it resulted from inaccuracy in thermocouple placement and from the error in determining the thermal emf. The determined value of heat conductivity, $K = 0.170$ plus or minus 0.015 cal/cm x sec x deg, is three times as great as the one cited. Orig. art. has: 1 figure.

~~Card 1/2~~

STROBACH, F. B3-2

Be

Recording vapor boiling by electrical conductivity. E. Strobach. (Listy Cech., 1955, 55, 210-217; Eng. Ind. Abstr., 1955, 12, 210-219). The value of conductivity records for following the course of vapor boiling is stressed. Equipment to record photographically graphs of the temp., pressure (var.), and conductivity has been devised; the milliamperes records changes undetectable in the temp. and pressure curves. The effects of system types of pressure and subsequent methods of boiling are shown by typical graphs, and the records are discussed. For full correlation with pressure, further data, viz. of constant-pressure boiling, would be needed. The paper is recommended for abstracting. P. S. Asst.

ASB-114 METALLURGICAL LITERATURE CLASSIFICATION

1955 NOV 11

1955 NOV 11

STROBACH, F.

BA

BM-2

Control of pan boiling of ammonium by electrical conductivity.
F. Strobach (*Leitzy Fabr.*, 1931, 67, 191--197; *Sug. Ind. Abstr.*, 1931, 22, 181; cf. B., 1931, 111, 143).--The course of boiling was followed in 5 methods, with seeding for crystallisation. Graphs showing the correct timings for drawing in fresh liquor are analysed in detail. The classification of crystal sizes into four groups, whilst too crude to give a good picture, is discussed. Supersaturation alone affords an adequate criterion for shock nucleation.

P. S. ARUP.

L 18349-65 EWT(m)/EWP(e)/EPR/EWP(t)/EWP(k)/EWP(b) Pf-4/Ps-4 ASD(m)-3/AFIC(p)/
ACCESSION NR: AP4048736 IJP(c) JD Z/0034/64/000/011/0834/0834

AUTHOR: Thummler, F. (Doctor, Engineer); Strobel, E. (Engineer);
Schmidt, R. (Engineer); Spindler, H. (Graduate ~~chemist~~)

TITLE: Production method for sintered heat- and corrosion-resistant
aluminum alloys. No. 6080-61

SOURCE: Hutnicke listy, no. 11, 1964, 834

TOPIC TAGS: aluminum, alloy, sintered alloy, heat resistant alloy,
corrosion resistant alloy, SAP alloy

ABSTRACT: A patent has been issued for a production method for sin-
tered heat- and corrosion-resistant aluminum (SAP) alloys. First, an
alloy with 8—12% silicon and a low content (up to 3%) of nickel and
titanium is melted. This alloy is atomized to a powder with 1—2%
Al₂O₃. The Al₂O₃ content is increased to 6—15% by grinding the
powder mixed with gasoline in a vibrating mill. The powder is then
processed into sintered articles.

ASSOCIATION: none

Card 1/1

STOBI, E., in:

Hydroelectric Works. Vol. 15 no. 2: 75-79 '65.

1. Joint State National Enterprise, Pilsen.

STROBEL, R.

"Quality of rimmed steel produced in oxygen-blast converter of high-phosphorus pig iron."

UETNICKÉ LIT., Brno, Czechoslovakia, Vol. 14, No. 6, June 1959.

Monthly List of East European Accessions (MEAI), LC, Vol. 8, No. 9, September 1959.

Unclassified.

STROBEL, Teresa

Studies on the prothrombin time of the blood in the thyroid
blood vessels. Acta physiol. pol. 14 no.2:183-186 '63.

1. Z Zakladu Fizjologii Czlowieka AM w Lublinie Kierownik:
prof. dr W. Holobut.

(THYROID GLAND) (PROTHROMBIN TIME)

ROGOBIL, Adam; LOLLATA, Adam; STROBEL, Teresa

Studies on the interrelationship between the Quick prothrombin time, cholesterol level and lipoprotein fractions in the blood serum. Iostery hig. med. dosw. 18 no.4:657-661 JI-ig '64

1. Z Zakladu Fizjologii Uniwersytetu M. Curie-Sklodowskiej i z Zakladu Fizjologii Akademii Medycznej w Lublinie (Kierownik: prof. dr. W. Holobut).

L 64671-65

ACCESSION NR: AP5023142

PO/0059/64/018/004/0657/0661

AUTHOR: Holobut, Wieslaw (Director, Professor, Doctor)(Lublin); Kollataj, Adam (Lublin); Strobel, Teresa (Lublin)

TITLE: Correlation between Quick prothrombin time, cholesterol level and lipoprotein fraction in blood serum

SOURCE: Postepy higieny i medycyny doswiadczalnej, v. 18, no. 4, 1964, 657-661

TOPIC TAGS: blood serum, rabbit, hematology

ABSTRACT: Study in 21 rabbits: prothrombin (modified Quick) cholesterol and lipoproteins. The closest correlation was noted between increase in lipoprotein B and shortening of prothrombin time. There was also an indication of increase correlation between high lipoprotein A and shortening of prothrombine time. Orig. art. has 2 tables.

ASSOCIATION: Zaklad Fizjologii Uniwersytetu M. Curie-Sklodowskiej, Lublin (Department of Physiology of the M. Curie-Sklodowska University); Zaklad Fizjologii AM, Lublin (Department of Physiology, AM)

SUBMITTED: 00Sep61

ENCL: 00

SUB CODE: LS

NO REF SOV: 000

OTHER: 015

JPRS

Card 1/1

L 45952-66 T-2 WW

ACC NR: AP6018257

SOURCE CODE: HU/0008/65/000/012/0546/0550

AUTHOR: Strobl, Alajos (Graduate Mechanical Engineer)

ORG: EROTERY

TITLE: Thermodynamics of high pressure feed pumps. Calculation of the output requirements and feedwater heating for high pressure feeding pumps on the basis of thermodynamical considerations

SOURCE: Energia es atomtechnika, no. 12, 1965, 546-550

TOPIC TAGS: water pump, high pressure pump, thermodynamic calculation, mechanical engineering

ABSTRACT: Calculations were performed to establish the extent of heating-up and volume change of the feed water in high-pressure feeding pumps. In isothermal compression the increase in the heat content of the water, i_0 , was expressed by the equation

$$\Delta i_0 = i_{20} - i_1 = \frac{p_2 - p_1}{100} \left[2,345 + 0,115 \left(\frac{i_1 - 20}{100} \right)^2 \right] \text{ kcal/kg}$$

where i_{20} is water enthalphy past the pump; i_1 is water enthalphy before the pump; p_2 is water pressure past the pump and p_1 is water pressure before the pump. The volume change of the

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R/009/61/000/004/001/002
D019/D105

AUTHORS: Băncilă, Aurel, Engineer, and Strobl, Anton

TITLE: Cutting precision threads with high-productivity taps

PERIODICAL: Metalurgia și Construcția de Mașini, ¹²⁻¹³no. 4, 1961, 307-311

TEXT: The article presents some problems the Combinatul Metalurgic (Metallurgical Combine) in Reșița had to deal with in the production of precision threads and describes the solutions adopted thus far. To avoid all shortcomings connected with the rolling of screw threads, pre-cutting with threading dies, provided with tangential jaws, will be adopted in future. Until then, pre-cutting will be carried out with a disk-shaped cutting tool; after pre-cutting the screws will be machined to accurate dimensions with a special die. The thread will be checked with the ring-type "go" thread gage. A special gaging device for measuring three points on the thread and for determining the diameter was designed. The prescribed fit is achieved by the appropriate threading of nuts. The tolerance range of the holes is divided into groups I and II, of 0.02 mm each, ✓

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Cutting precision threads

R/009/61/000/004/001/002
D019/D105

while for the tap sets the following two groups have been established: 02, 03 and 04 for the adherent fit and 05, 06 and 07 for the tight fit. The nut diameter increase due to threading is 0.018 - 0.058 mm for G 7/8 in. ✓
threads, the variation depending on the quality of the material and the cooling liquid. The selection of the suitable tap for achieving the nut correspondent to the individual bolt is made by first performing a series of test threadings with sample material. To make sure that the threaded nuts are identical, the threads are calibrated with a special single-bit inverted-tapering tap. To eliminate other deficiencies such as broken threads, rugged sides, broken taps, etc., taps with optimum characteristics were devised and used. These taps have long shanks and spiral flutes towards the right and are used especially in threading blind holes. All the taps used for making various size pipe threads and metric threads up to M 16 are single-thread taps, while those for threads above M 16 are double-thread taps. The following results were obtained with the above-mentioned taps, particularly in threading blind holes: higher tap productivity; accurate sizes and geometrical shapes of thread; smoothness of thread sides; and less tap breakage. The threading operation with these


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D019/D105

Cutting precision threads

taps requires, however, the use of a special tap holder, such as the Swedish-made SPV holder, an accurate drilling machine and observance of the optimum working conditions. There are 10 figures, 1 table and 4 Soviet-bloc references.

Card 3/3



BANCILA, Aurel, ing.; STROBL, Anton

Constructing and sharpening of milling heads with hard metal
plates. Metalurgia constr mas 13 no. 3: 249-254 Mr '61.

STROBL, G.; FOLLMANN, P.

Intraocular pressure changes in change of body position. Acta
chir. acad. sci. hung. 3 no.4:411-414 '62.

1. I Augenklinik (Direktor: Prof. Dr. M. Radnot) der Medizinischen
Universität, Budapest.
(TONOMETRY) (POSTURE)

STROBL, G.; FOLLMANN, P.

Intraocular pressure transients. Determination of the transient function of the recumbent subject with the applanation tonometer. (Preliminary report). Acta chir. acad. sci. hung. 3 no.4:415-419 '62.

1. I Augenklinik (Direktor: Prof. Dr. M. Radnot) der Medizinischen Universität, Budapest.
(TONOMETRY) (POSTURE)

FOLLMANN, Piroska; STROBL, Gyorgy

Clinical experience with applanation tonometry and electrotonometry.
Szemeszet 99 no.2:102-111 Je '62.

1. A Budapesti Orvostudományi Egyetem I. sz. Szemklinikájának (Igazgató:
Radnot Magda egyetemi tanár) közleménye.
(GLAUCOMA diag)

STROEL, Gyorgy

Role of index numbers in tonometry. Szemeszet. 99 no.3:135-141 S '62.

1. A Budapesti Orvostudományi Egyetem I. sz. Szemklinikájának (Igazgató:
Radnot Magda egyetemi tanár) közleménye.
(INTRAOCULAR PRESSURE)

FOLLMANN, Piroska; STROBL, Gyorgy

Accuracy of rigidity measurements with the tonometer and electrotonometer and body position. Szemeszet 99 no.4:219-223 D '62.

1. A Budapesti Orvostudományi Egyetem I. sz. Szemklinikájának
(Igazgató: Radnot Magda egyetemi tanár) közleménye.
(EYE) (TONOMETRY) (POSTURE)

FOLLMANN, P.; STROBL, G.

Intraocular pulse in the rabbit eye (preliminary report).
Acta chir. acad. sci. Hung. 4 no.4:375-376 '63.

1. I. Augenklinik (Direktor: Prof. Dr. M. Radnot) der Medizinischen Universität, Budapest.

*

STROBL, J.; ODEHNAL, S.; KLIMA, J.

Use of petroleum and oils in the development of the gas industry. p. 221.

PALIVA. (Ministerstvo paliv a Ceskoslovenska vedecka technicka spolecnost pro vyuziti paliv pri Ceskoslovenske akademii ved) Praha, Czechoslovakia, Vol. 39, no. 7, July 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 11,
November 1959.

uncl.

PETRDLIK, Miroslav; SHTROBL, Yaroslav [Strobl, Jaroslav]

Sintered steel alloyed with copper, nickel, and carbon.
Porosh.met. 2 no.1:88-91 Ja-F '62. (MIRA 15:8)

1. Institut poroshkovoy metallurgii, Praga.
(Powder metallurgy)

Strochl, Jiri

1
TU
Hydrogen sulfide determination in illuminating gas.
Miroslav Brychta and Jiri Strochl. *Paliva* 32, 113-16
(1962).—Several methods were critically appraised such as
the Shaw iodometric method (C.A. 35, 53'), the Field and
Oldach colorimetric method (C.A. 41, 54b), the molybdenum
blue method, the Altieri modification (*Gas Analysis and
Testing of Gaseous Materials*, 1945 (C.A. 40, 538')) of the
classical Emil Fischer methylene blue method, and the
Bureau of Mines modification. 23 references. —L.L.

L 01955-67 EWP(k)/EWP(e)/EWP(t)/ETI IJP(c) JH/JD

ACC NR: AP6020191 (A) SOURCE CODE: CZ/0078/66/000/002/0024/0024

AUTHOR: Strobl, Jaroslav (Engineer; Prague)

ORG: none

TITLE: Sintered boral plates. CZ Pat. No. PV 2229-63, Class 80

SOURCE: Vynalezky, no. 2, 1966, 24

TOPIC TAGS: powder metallurgy, boron, powder metal sintering, boron carbide

ABSTRACT: A method of manufacturing shaped boral plates by a powder-metallurgy process is introduced. A mixture of boron carbide and aluminum powders, e.g., 30% B₄C and 70% Al, is precompacted, sintered, reheated, and compacted into plates. The compacting mold is divided into three sections by vertically movable partitions; the middle section is filled with the boron carbide-aluminum powder mixture described above and the side sections are filled with any easily machinable material such as powdered aluminum. After filling, the partitions are carefully removed without disturbing the boundaries between the two materials. After pressing, sintering, and the final compacting, the coating of the machinable material is removed by machining. [KP]

SUB CODE: 11/ SUBM DATE: 18Apr63

Composite Materials

Card 1/1 *gd*

STROBL, K.

Some problems of the sawing and plywood industries. p. 174. FAIPAR. (Faipari Tudamanyos Egyesulet) Budapest. Vol. 5, no. 7, July 1955.

SOURCE: East European Accessions List (EEAL), Library of Congress
Vol. 5, no. 6, June 1956

STROBL, K.

"The situation of the wood industry under the administration of
the National Directorate of Forestry and its tasks." p. 97

FAIPAR. (Faipari Tudomanyos Egyesulet). Budapest, Hungary.
Vol. 8, No. 4, Apr. 1959

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
Uncla.

STROBL, Kalman

Manufacturing wood fibers and chip boards in Hungary with special regard to their basic materials and economy. Faipar 10 no.12:359-366 D '60.

1. "Faipar" Szerkeszto bizottsagi tagja.

STROBL, Kalman .

An account of the work of the Section of Sawmills and the Plywood Industry, Scientific Association of the Wood Industry. Faipar 12 no.12:353-356 D '62.

1. "Faipar" szerkeszto bizottsagi tagja.

STROBL, Kalman

Hungarian wood industry and its development in the last ten years. Erdo 13 no.10:463-465 O '64.

JANUSKA, J.; PELC, J.; STROBL, K.

A float air device with commanding attachment. Jeman mech. opt
6 no.12:376-379 D '61.

1. Somet n.p.

S/194/62/000/012/014/101
D201/D308

AUTHORS: Januška, Josef and Štrobl, Květoslav
TITLE: A switch-operated pneumatic transducer for testing dimensions.
PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 12, 1962, 25, abstract 12-2-50 d (Automatizace, v. 5, no. 4, 1962, 107-108 (Czech.))

TEXT: The displacement of the membrane of a differential manometer is detected by a connecting rod which sequentially closes the contacts of an 8-track switching spiral. The above contacts are connected in the grid circuits of vacuum tubes, which conduct when the corresponding contact is closed. The signal relays are in the tube anode circuits, with sequential closing of contacts the anode circuit of each preceding tube is opened by the contact of the signal relay of the next tube. The anodes are connected to an a.c. supply. To avoid bouncing the relay windings are shunted by condensers. Since the switching spiral current is limited to 0.1 mA,

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A switch-operated ...

S/194/62/000/012/014/101-
D201/D308

the use of vacuum tubes makes it possible to obtain great accuracy. The instrument has 8 measurement ranges from 0.001 to 0.03 mm. Power of command or signal pulses is 100 W. The transducer can be used for the control of metal-cutting lathes. The productivity in classifying piston pins (40 mm in diameter, 100 mm long) into five 0.001 mm graded groups may reach 3600 pins per hour. The instrument includes a pressure stabilization and a signal unit. It is manufactured by the state establishment Somet (Czechoslovakia). 5 figures. ✓
[-Abstracter's note: Complete translation.]

Card 2/2

JANUSKA, Josef; PELC, Jaroslav; STROBL, Kvetoslav

A typified multidimensional hole checking equipment. Stroj vyr
10 no.7:349-351 '62.

1. Somet, n.p., Teplice.

PUNCOCHAR, Z., inz.; JICINSKY, J., dr., inz.; HANCL, J.; BECVAR, J.; STROBL, L.;
KARNOVSKY, inz.; KLIKA, R.; KRUMNIKL, Fr., inz.; SORAL, J., inz.;
TEINDL, J.; VRBENSKA, inz.

Information on metallurgy. Hut listy 17 no.11:816-829 N '62.

CZECH/34-59-6-7/23

AUTHORS: Kumníkl, František, Ing. and Strobil, Rudolf, Ing.

TITLE: Quality of Rimming Steels Produced in an Oxygen Blast Operated Converter from Pigiron with a High P content (Jakost neuklidněné oceli vyrobené v kyslíkovém konvertoru ze surového železa s vyšším obsahem fosforu)

PERIODICAL: Hutnické Listy, 1959, Nr 6, pp 493-499 (Czechoslovakia)

ABSTRACT: Numerous authors (Refs 2-7) have proved that steel manufactured in converters with pure oxygen blasts (LD method) are equal in quality to steel produced in open-hearth furnaces. The comparisons of all these authors were based predominantly on LD steel produced from open-hearth furnace pig-iron with low P and S contents, averaging about 0.12% P and 0.045% S. In order to find out to what extent the steel quality can be affected by using less favourable raw materials, the authors of this paper carried out a series of experiments. In these the mechanical, technological and metallographic properties were compared of low carbon rimming steels produced in a basic converter, in a basic open-hearth furnace and in a basic oxygen blast operated converter

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